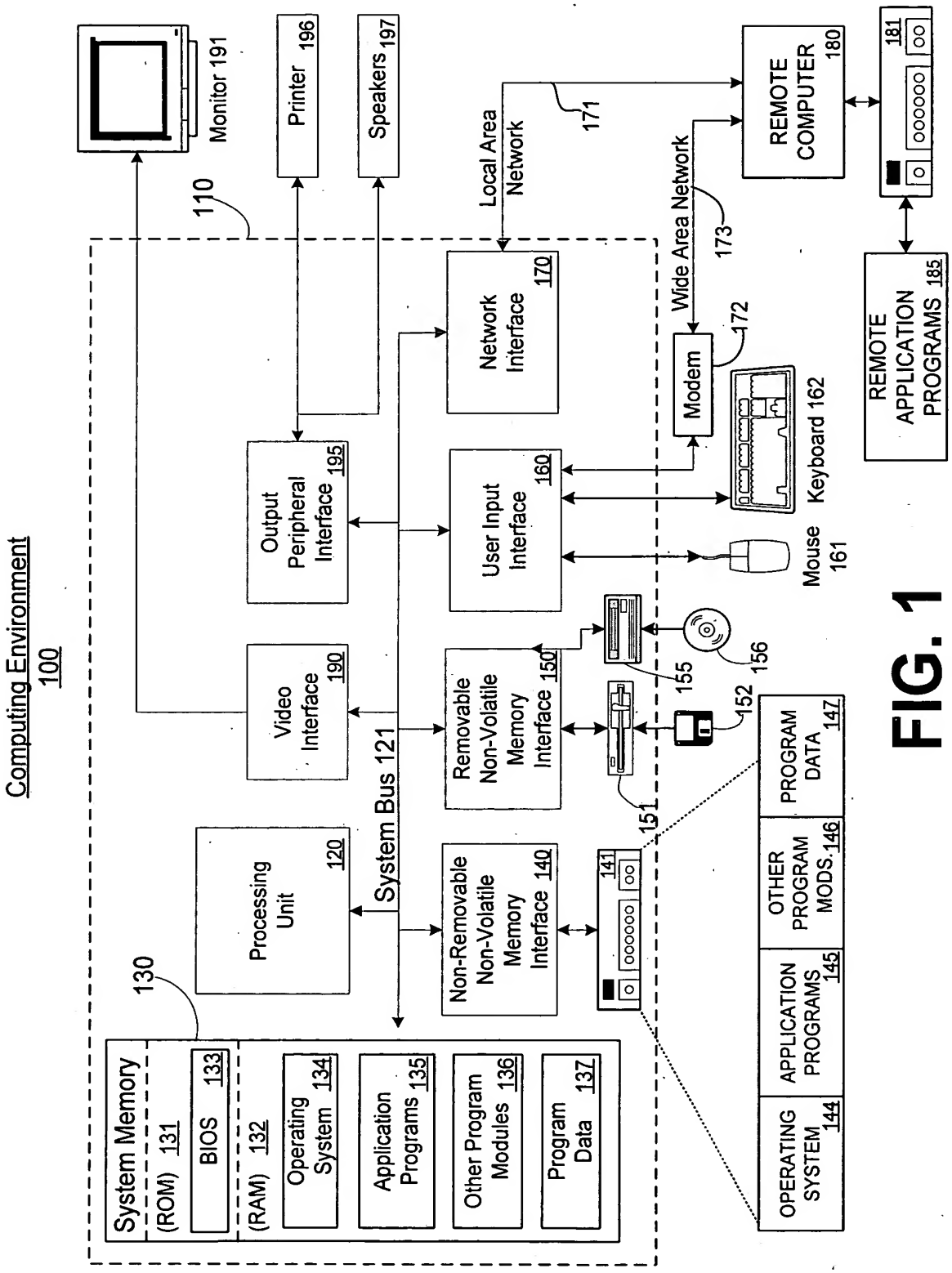
Computing Environment
100
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Monitor 191
Printer 196
Speakers 197
Local Area Network
171
REMOTE COMPUTER 180
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Wide Area Network
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Network Interface 170
Modem 172
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Processing Unit 120
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Application Programs 135
Other Program Modules 136
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OTHER PROGRAM MODS. 146
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FIG. 1

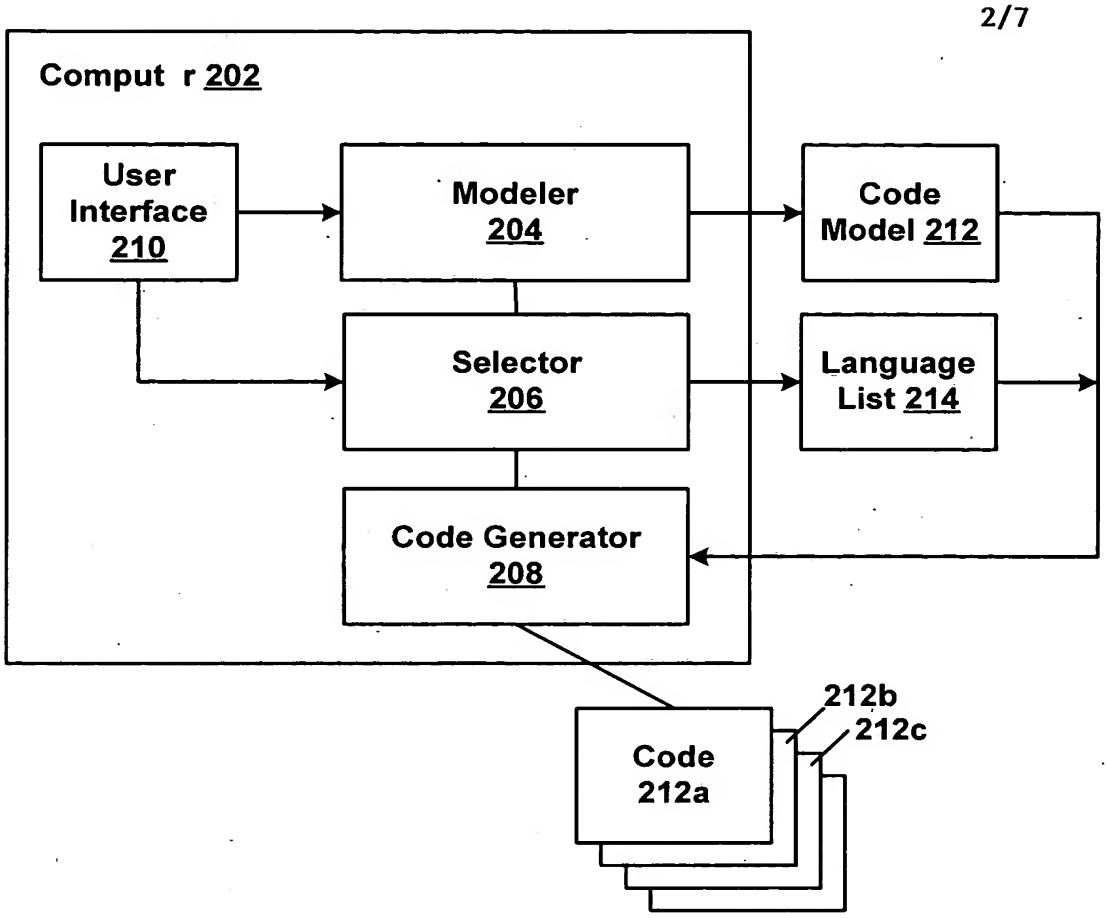
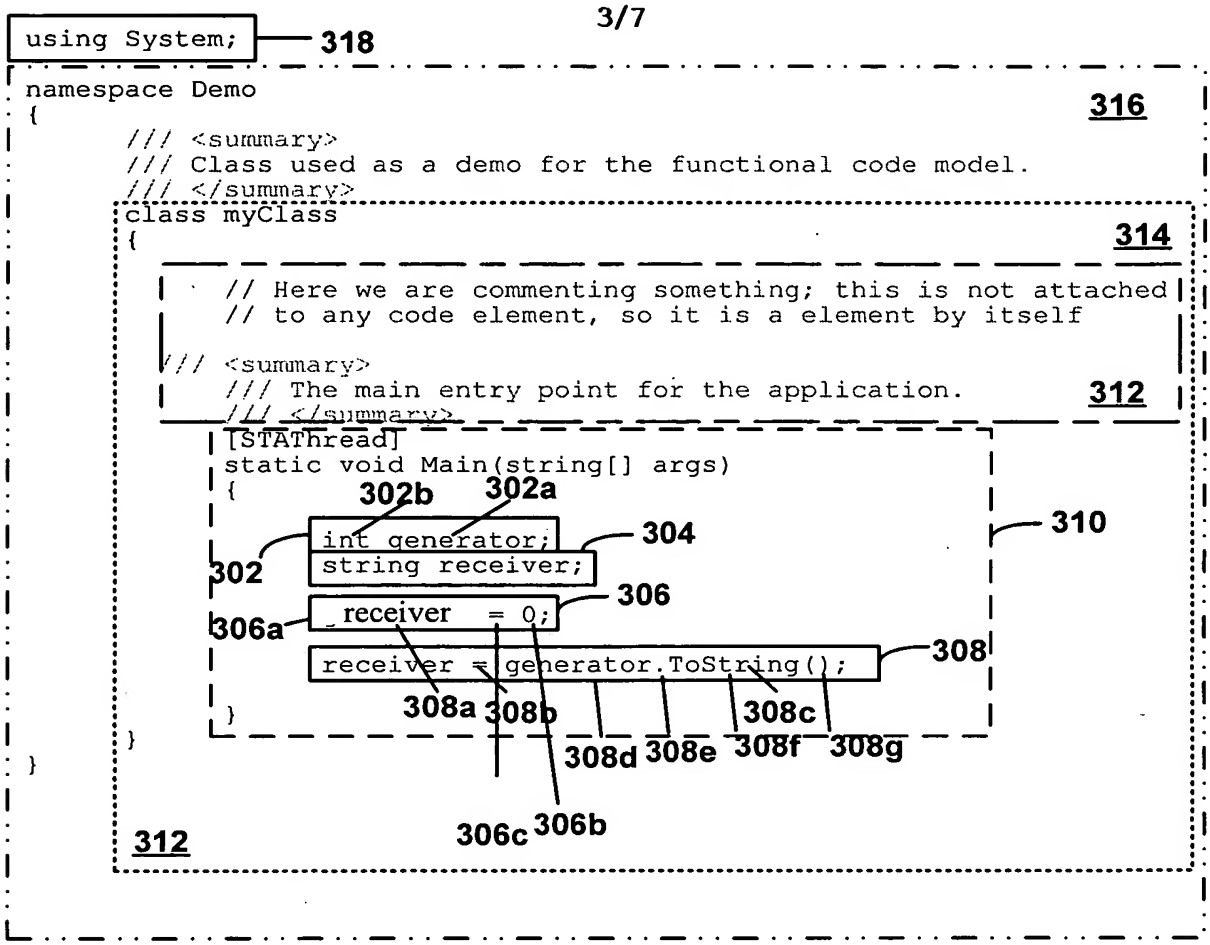

Comput r 202
User Interface 210
Modeler 204
Code Model 212
Selector 206
Language List 214
Code Generator 208
212b
212c
Code 212a

Fig. 2



CLASS1 FILE

300

Fig. 3

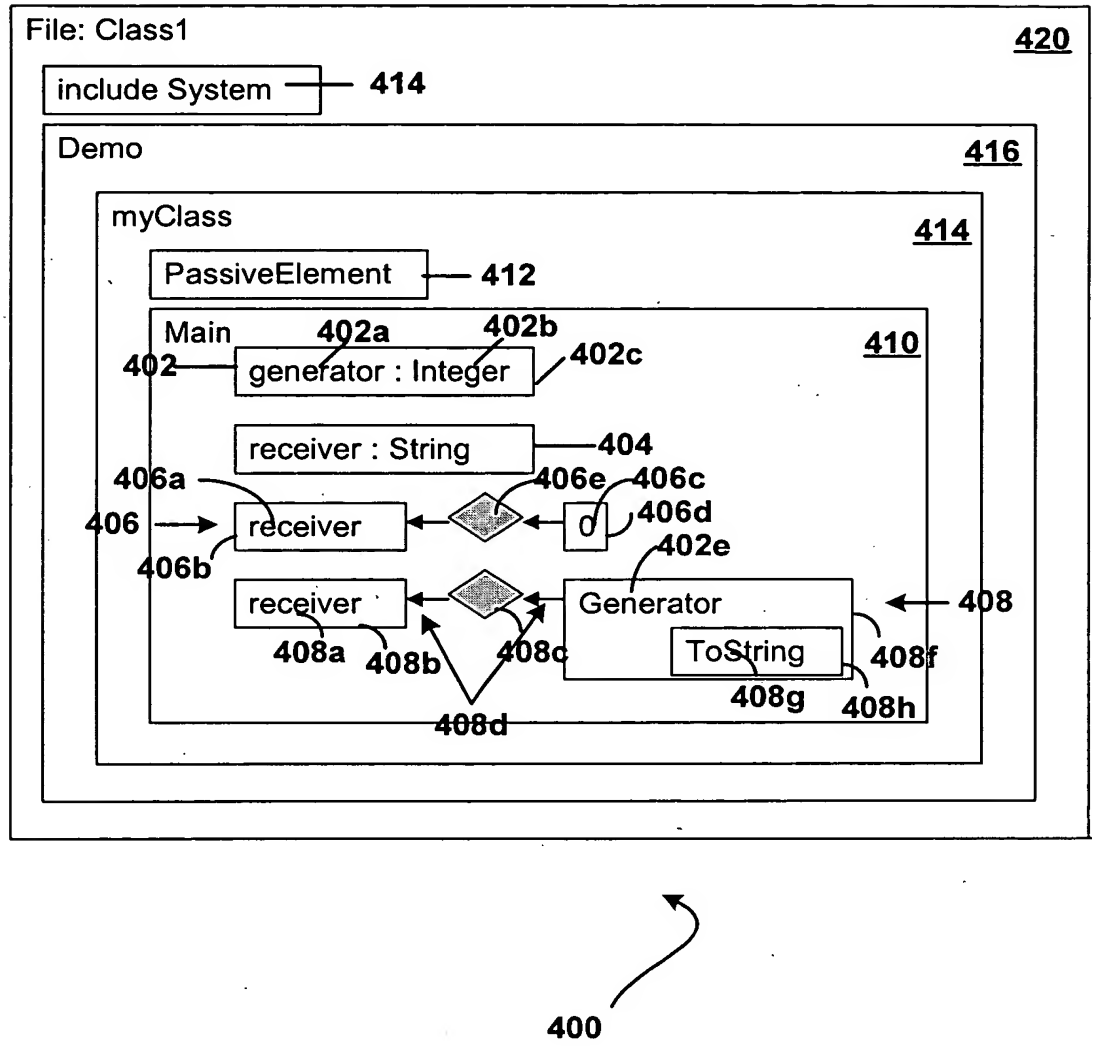

File: Class1
420
include System
414
Demo
416
myClass
414
PassiveElement
412
Main
402a
402b
402
generator : Integer
402c
410
receiver : String
404
406a
406e
406c
406
receiver
0
406d
406b
402e
receiver
Generator
408
408a
408b
408c
ToString
408f
408g
408h
408d
400

Fig. 4

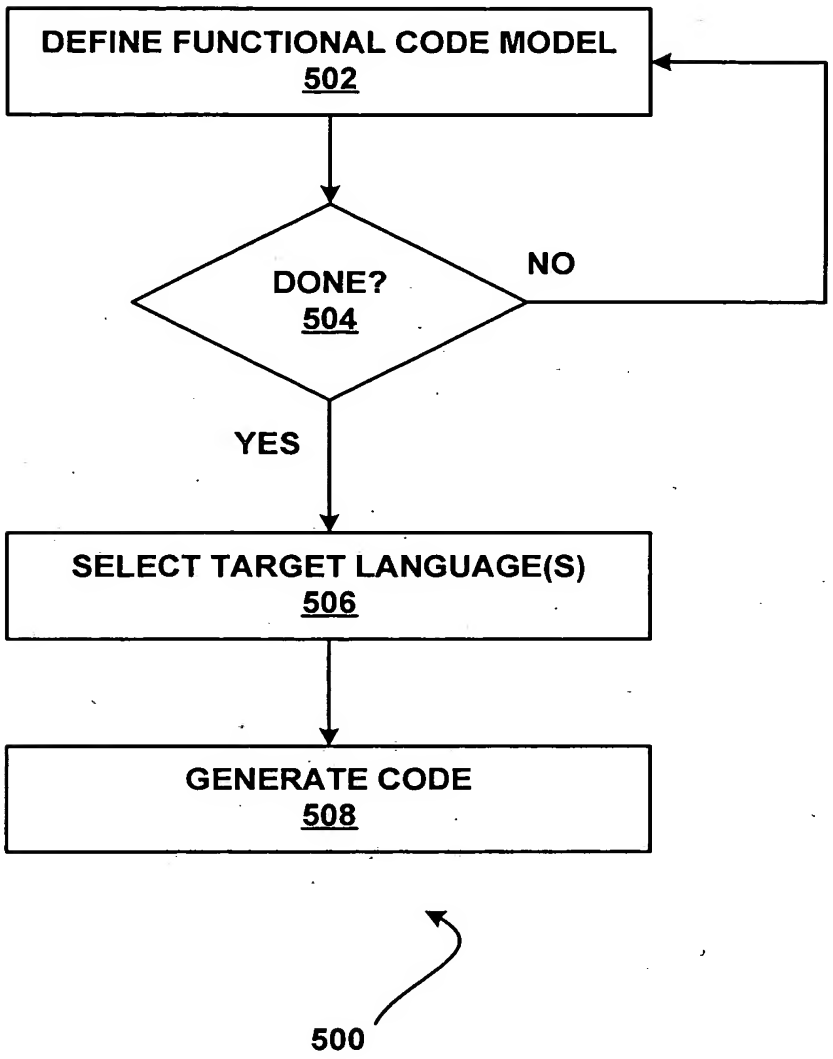

DEFINE FUNCTIONAL CODE MODEL
502
DONE?
504
NO
YES
SELECT TARGET LANGUAGE(S)
506
GENERATE CODE
508
500

Fig. 5

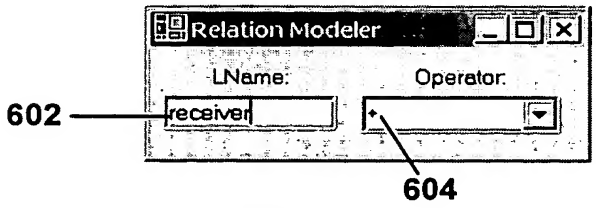


Fig. 6a

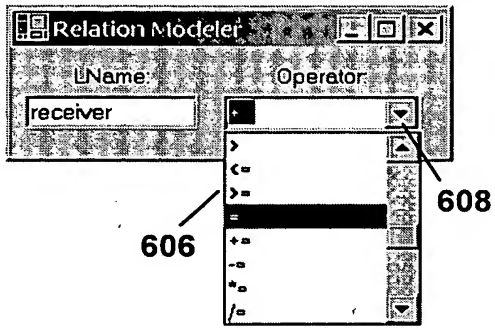


Fig. 6b

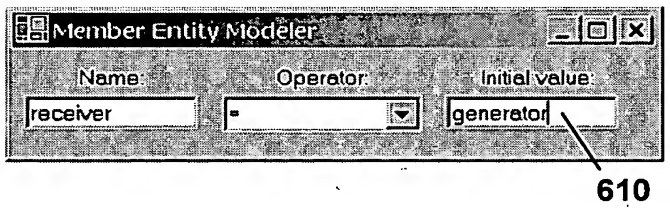


Fig. 6c

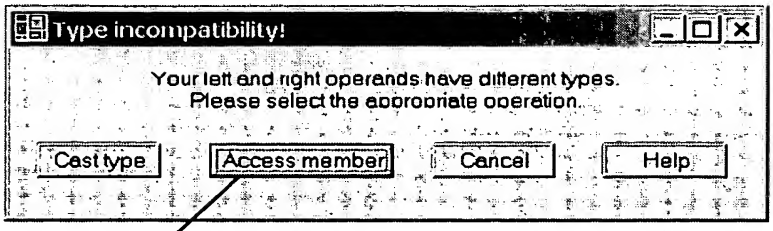

Type incompatibility!
Your left and right operands have different types.
Please select the appropriate operation.
Cast type
Access member
Cancel
Help
612

Fig. 6d

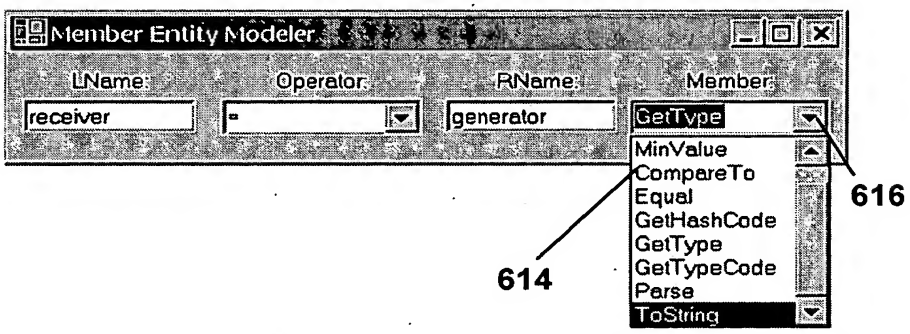

Member Entity Modeler
LName:
Operator:
RName:
Member:
receiver
generator
GetType
MinValue
CompareTo
Equal
GetHashCode
GetType
GetTypeCode
Parse
ToString
614
616

Fig. 6e